

Motorcycle Lubricant Technologies



Untreated mineral refining
(group 1)

Good value for money



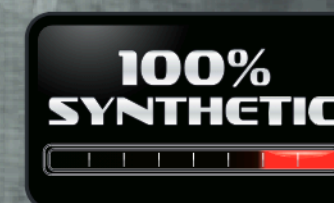
Untreated mineral refining
(group 1)
Mineral refining with chemical
treatment: molecule conversion
(group 3)

A high-quality lubricant,
adapted to common
conditions of use
(short or long trips)



Mineral refining with chemical
treatment: molecule conversion
(group 3)

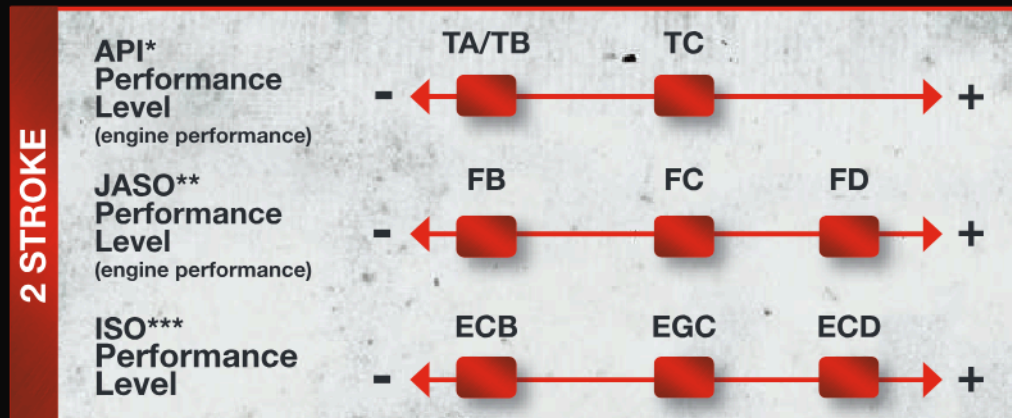
A very high-quality lubricant,
adapted to demanding
conditions of use
(short or long trips)



Synthetic oils without
mineral refining
PAO oils are produced
using 100% synthetic
molecules (groups 4 and 5)

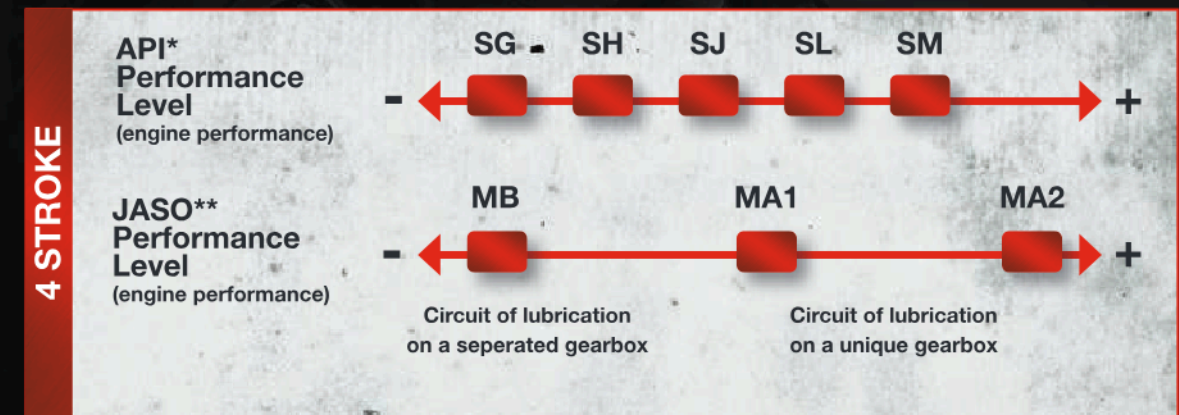
We recommend them for
intensive motorcycle
use and we especially
recommend PAOs for
competition and sports uses

Leisure Range 2/4 Strokes: API, JASO, ISO Explanation



The 2-stroke engine oils have to satisfy supplementary requirements:

Higher temperature resistance, gasoline solubility, to burn without loosening of smoke and without producing deposits; they are sorted TA, TB and TC according to their performances.



According to its performances, the oil inherits a letter after the S (for Service):

SA, SB, SH, SJ, SL...the more the letter is further away in the alphabet sequence, the better the performance!

API*

The American Petroleum Institute established a classification of oils according to several criteria as the dispersive power, the detergence power, the wear resistance or anti-oxidation and anticorrosive protection power.

JASO**

It means Japanese Automotive Standard Organisation. The JASO attributes a JASO label after analysis of the oil. When a lubricant responds successfully to all tests, the Japanese Automotive Standard Organization awards a certificate and a number of accreditations. This number has to appear on the packaging in the form of a definite logo.

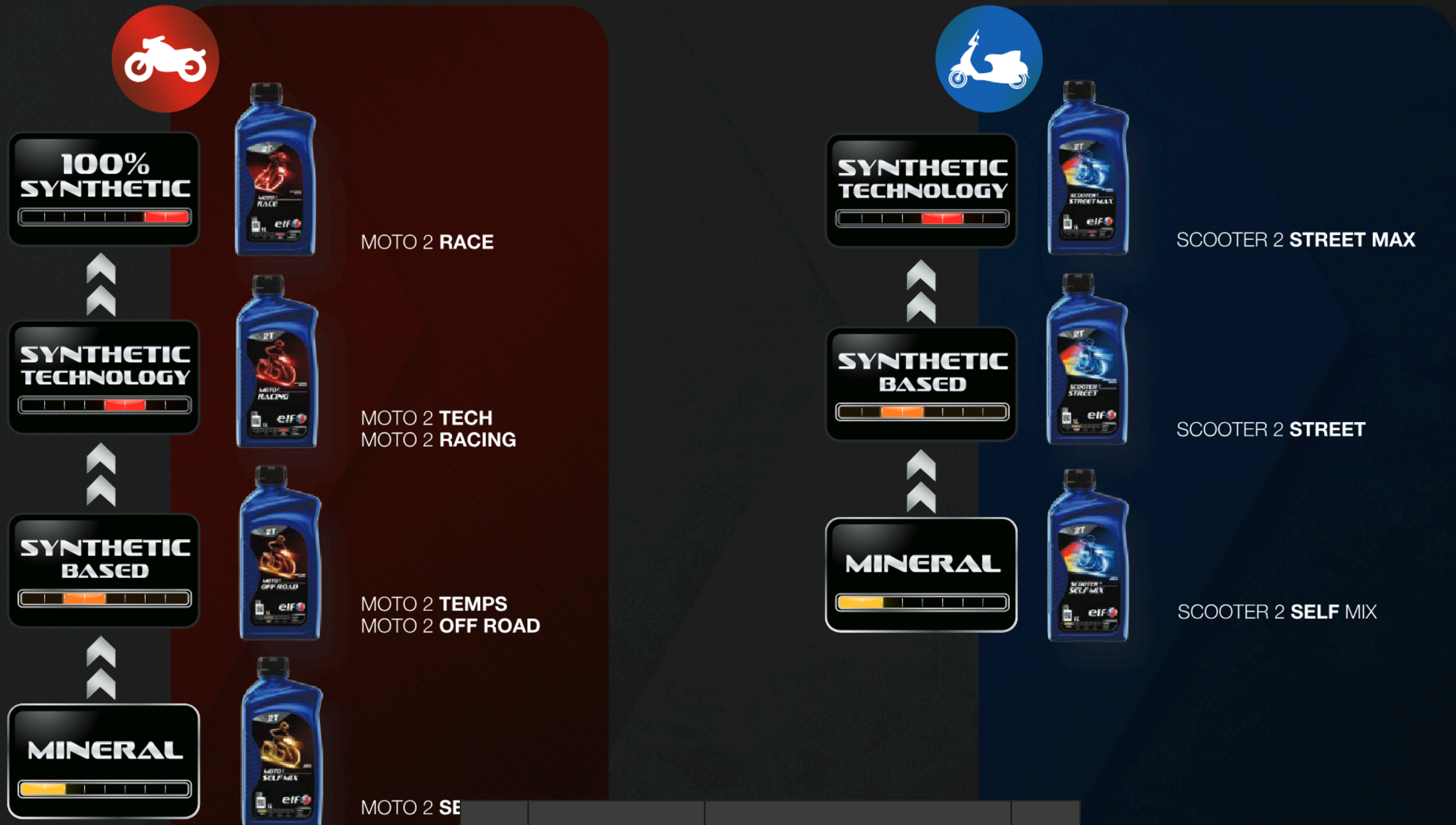
ISO***

The ISO proposes an international project of specification, three categories being ISO-L-EGB, ISO-LEGC and ISO-L-EGD in increasing order of requirement.

ELF 4-Stroke Products Range Nomenclature



ELF 2-Stroke Products Range Nomenclature



Label Architecture

2-Stroke/4-Stroke Indication

- 2T (2-stroke): silver background/ white text
- 4T (4-stroke): white background/ silver text

Moto Or Scooter Visual

The illustration changes according to type of machine and utilization.

Motorcycle Colour

The colour changes according to the lubricant technology:

- **RED**: 100% Synthetic and Synthetic Technology
- **ORANGE**: Synthetic-Based
- **YELLOW**: Mineral

Scooter Colour

- **BLUE** : All scooter lubricants

Viscosity Grade

Product Name

Technology

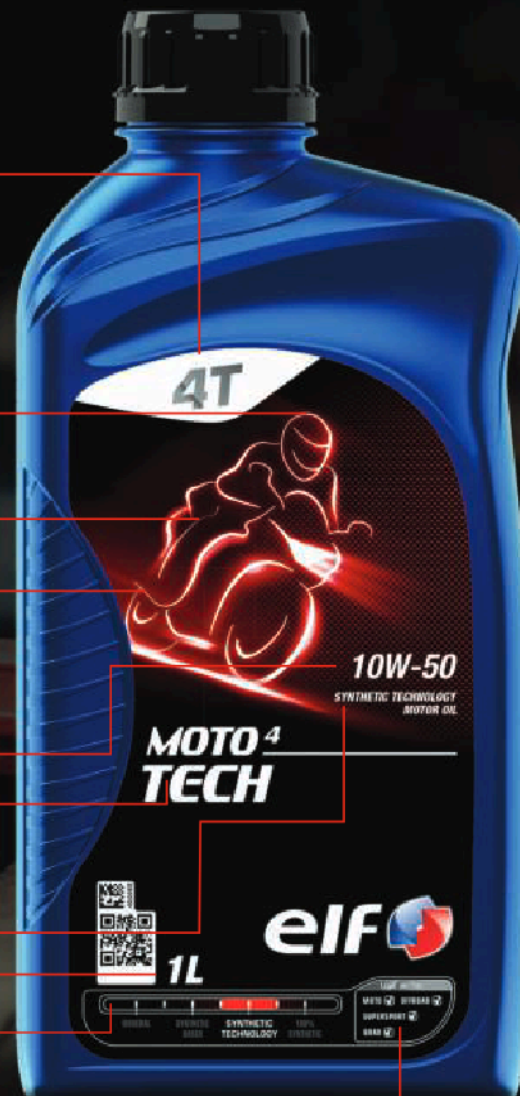
Volume

Technology Scale

We indicate the lubricant technology with a cursor system to help customers immediately identify the product within the range and to implicitly encourage upgrading.

Use

Reassurance: a "checkbox" system indicates the types of engines for which the lubricant is intended in order to inform and reassure end users.



Moto Or Scooter Visual

Front Face Visual

Product Name

Viscosity Grade Technology Scale

Description By Country

The colour of the country name abbreviations and separating lines change depending on the lubricant technology.

JASO Standard Pictogram

The outline colour changes depending on the lubricant technology.

Volume



4-STROKE PRODUCTS

MOTORCYCLE OILS



COMMERCIAL NAMES	VISCOCITY GRADES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS
MOTO 4 RACE	10W-60	100%-Synthetic	API SN, JASO MA2
MOTO 4 PRO TECH	5W-40	Synthetic Technology	API SN, JASO MA2
MOTO 4 TECH	10W-50	Synthetic Technology	API SN, JASO MA2
MOTO 4 ROAD	10W-40 15W-50	Synthetic-Based	API SN, JASO MA2
MOTO 4 TWIN TECH	20W-60	Synthetic-Based	API SN, JASO MA2
MOTO 4 CRUISE	20W-50	Premium Mineral	API SL, JASO MA2
MOTO 4 GOLD	15W-50 20W-50 20W-40	Premium Mineral	API SL, JASO MA2
MOTO 4 GOLD	10W-40 15W-40	Premium Mineral	API SN, JASO MA2
MOTO 4 PRO	10W-30 15W-40 20W-40 20W-50	Mineral	API SG, JASO MA
MOTO 4	10W-30 20W-40	Mineral	API SF

SCOOTER OILS



SCOOTER 4 MAXI CITY	5W-40	Synthetic Technology	API SL
SCOOTER 4 CITY	10W-40	Synthetic-Based	API SN, JASO MB
MOTO 4 SCOOTER	10W-30 20W-40	Premium Mineral	API SL, JASO MB

2-STROKE PRODUCTS

MOTORCYCLE OILS











COMMERCIAL NAMES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS
MOTO 2 RACE	100% Synthetic	
MOTO 2 RACING	Synthetic Technology	API TC, JASO FD
MOTO 2 TECH	Synthetic Technology	API TC, JASO FD
MOTO 2 OFF ROAD	Synthetic-Based	API TC, JASO FD
MOTO 2 TEMPS	Synthetic-Based	API TC, JASO FD
MOTO 2 SELF MIX	Premium Mineral	API TC, JASO FB

SCOOTER OILS



SCOOTER 2 STREET MAX	Synthetic Technology	API TC, JASO FD
SCOOTER 2 STREET	Synthetic-Based	API TC, JASO FD
SCOOTER 2 SELF MIX	Premium Mineral	API TC, JASO FB

BIKE CARE PRODUCTS

COMMERCIAL NAMES		TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	MARKETING DESCRIPTION
	MOTO GEAR OIL 10W-40	Synthetic-Based	API SJ	Synthetic-Based oil specially developed for gearboxes on 2-stroke motorcycles. It provides enhanced protection for gearboxes and optimum safety when changing gears.
	MOTO FORK OIL SYN 2	100% Synthetic		100% synthetic oil for forks and shock absorbers, it provides for maximum safety even under severe usage. Suitable for road and all-terrain motorcycles.
	MOTO GEAR OIL 80W-90	Mineral	API GL 5	Mineral Oil specially developed for the gearboxes of 4-stroke motorcycles, it provides optimum safety when changing gears.
	MOTO FORK OIL	Mineral		Mineral oil for motorcycle forks and shock absorbers. It ensures optimum safety for the suspension system of road and all-terrain motorcycles.
	MOTO COOLANT ORGANIC	Organic	AFNOR NFR 15-601, ATSM D3306, BS 6580	100% organic cooling liquid, exceptional anti-corrosion protection for light alloy circuits (aluminium, magnesium...). Protection for all parts of the cooling system, down to -26°C. Non-aggressive.
	MOTO COOLANT MINERAL	Mineral	AFNOR NFR 15-601, BS 6580	Mineral cooling fluid. Optimum protection of the circuits, prevents corrosion in the sump in order to ensure engine longevity. Protection against freezing down to -26°C. Does not damage paint in case of contact.
	MOTO BRAKE FLUID DOT 5.1	100% Synthetic	FMVSS 116 DOT 5.1	Very high-performance synthetic brake fluid. Silicone-free, for all braking systems, it ensures optimum safety. Can be mixed with all other synthetic liquids of a chemical nature of type dot 3, dot 4 and dot 5.1, with the exception of dot 5 fluids with silicone and special liquids of the LHM type.
	MOTO BRAKE FLUID DOT 4	100% Synthetic	FMVSS 166 DOT 4	High-performance brake fluid, Stable and non-compressible at all temperatures, it ensures optimum safety. Can be mixed with all other synthetic liquids of a chemical nature of type dot 3, dot 4 and dot 5.1, with the exception of dot 5 fluids with silicone and special liquids of the LHM type.

BIKE CARE
PRODUCTS

COMMERCIAL NAMES	TECHNOLOGY	INTERNATIONAL SPECIFICATIONS	MARKETING DESCRIPTION
 MOTO AIR FILTER OIL	Blue Colour		Penetrating oil for foam air filters. It has been specially developed to reduce the risks of breakdown and to extend engine life. Blue in colour.
 MOTO CHAIN LUBE	Spray		Very high performance grease for transmission chains. Its formulation has been specially developed in order to ensure optimum lubrication under the most severe usage conditions. Successfully tested during Motorcycle Grand Prix races and Rally Raids.
 MOTO MULTILUBE+	Spray		Multi-function aerosol. Lubricates, cleans and protects all of your motorcycle's vital components.
 MOTO CHAIN PASTE	Paste		New generation extreme pressure grease for engine chains. Water-resistant, it provides for exceptional lubrication, even under the most severeusage conditions.
 MOTO DEGREASER+	Spray		Dry cleaner for brakes, carburetors, spark plugs and metallic surfaces. Multi-usage grease remover and cleaner for all motorcycle parts. Quickly removes grease, leaving no residue. Practical spray for reaching the most inaccessible places. Pressure spray in order to dislodge even the stickiest grime.
 MOTO SPRAY SILICONE	Spray		Special aerosol product to be used for the maintenance of the motorcycle. It protects all metal, leather and plastic parts of the bike leaving a lustrous shine. It is transparent and extremely water repellent.